STATEMENT OF WORK

Closure of Waste Impoundments (360) Minnesota

These deliverables apply to this individual practice. For other planned practice deliverables refer to those specific Statements of Work.

DESIGN

Deliverables:

- 1. Design documentation that will demonstrate that the criteria in NRCS practice standard have been met and are compatible with other planned and applied practices.
 - a. Compliance with NRCS national and state utility safety policy (NEM Part 503-Safety, Subpart A Engineering Activities Affecting Utilities 503.00 through 503.06)
 - b. Practice standard criteria related computations and analyses to develop plans and specifications including but not limited to:
 - i. Geology and Soil Mechanics (NEM Subpart 531a)
 - ii. Hydrology/Hydraulics
 - iii. Structural
 - iv. Environmental Considerations
 - v. Vegetation
 - vi. Safety Considerations (NEM Part 503-Safety, Subpart A, 503.10 through 503.12)
- 2. Written plans and specifications including sketches and drawings shall be provided to the client that adequately describes the requirements to install the practice and obtain necessary permits.
- 3. Design Report and Inspection Plan as appropriate (NEM Part 511, Subpart B Documentation, 511.11 and Part 512, Subpart D Quality Assurance Activities, 512.30 through 512.32).
- 4. Operation and Maintenance Plan
- 5. Certification that the design meets practice standard criteria and comply with applicable laws and regulations (NEM Subpart A, 505.03 (a) (3)).
- 6. Design modifications during installation as required.
- 7. Itemized Engineer's Cost Estimate

INSTALLATION

Deliverables

- 1. Documentation of pre-construction conference with client and contractor.
- 2. Verification that client has obtained required permits.
- 3. Staking and layout according to plans and specifications including applicable layout notes.
- 4. Installation inspection (according to inspection plan as appropriate).
 - a. Actual materials used (Part 512, Subchapter D Quality Assurance Activities, 512.33)
 - b. Inspection records
- 5. Facilitate required design or cost modifications with client, original designer, permitting and funding agencies.
- 6. Advise client/NRCS on compliance issues with all federal, state, tribal, and local laws, regulations and NRCS policies during installation.
- 7. Certification that the installation process and materials meets design and permit requirements.

CHECK OUT

Deliverables

- 1. As-Built documentation.
 - a. Extent of practice units applied
 - b. Drawings
 - c. Final quantities
- 2. Certification that the installation meets NRCS standards and specifications and is in compliance with permits (NEM Subpart A. 505.03 (c) (1)).
- 3. Completion report in accordance with permit requirements.
- 4. Progress reporting.

STATEMENT OF WORK Closure of Waste Impoundments (360) Minnesota

REFERENCES

- NRCS Field Office Technical Guide (eFOTG), Section IV, Conservation Practice Standard Closure of Waste Impoundments, 360
- NRCS National Engineering Manual (NEM).
- NRCS National Environmental Compliance Handbook
- NRCS Cultural Resources Handbook